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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,577	09/23/2003	Wu Chou	633-006us	3052
47912	7590	08/20/2009	EXAMINER	
Avaya			NGUYEN, PHUOC H	
DEMONT & BREYER, LLC			ART UNIT	
100 COMMONS WAY, STE 250			PAPER NUMBER	
HOLMDEL, NJ 07733			2443	
			NOTIFICATION DATE	DELIVERY MODE
			08/20/2009	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@dblaw.com

### Office Action Summary

**Application No.**

10/668,577

**Applicant(s)**

CHOU ET AL.

**Examiner**

PHUOC NGUYEN

**Art Unit**

2443

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on Pre-Appeal filed on February 27, 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 and 16-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 and 16-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ ~~Notice of Informal Patent Application~~
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Amendment***

This office action is in response to the Pre-Appeal filed on February 27, 2009. Previous office action contained claims 1-14, and 16-22. Applicant amended claims 1, 21, and 22. Therefore, pending claims 1-14, and 16-22 are presented for further consideration and examination.

### ***Response to Arguments***

Applicant's arguments with respect to claims 1, 21, and 22 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-14, and 16-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pimentel et al (Hereafter, Pimentel) U.S. Pub. No. 2003/0072451 in view of Lee et al. (Hereafter, Lee) U.S. Patent 6,336,137.

Regard claim 1, Pimentel discloses a method for use in providing interaction between an enterprise application and a mobile client device in a communication system (e.g. Figure 5), the method comprising the steps of: generating push content in a server, responsive to information

received in the server from the enterprise application, the push content being deliverable from the server to the mobile client device over a wireless network (e.g. Figures 5-6; page 3 paragraph 0035 and page 4 paragraph 0043); and receiving in the server from the mobile client device, responsive to the push content, a request for additional information identifiable at least in part by the push content, the additional information being deliverable from the server to the mobile client device over the wireless network (e.g. Figure 6; page 4-5 paragraphs 0043-0044); however, Pimentel fails to teach wherein the push content comprises at least one embedded uniform resource identifier (URI), and the additional information is identifiable by the at least one embedded URI.

Lee teaches a server capable of creating at least one embedded uniform resource identifier (URI), and the additional information is identifiable by the at least one embedded URI and send it to the client (e.g. col. 9 lines 66 through col. 10 lines 4).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Lee's teaching into Pimentel's method to embedded a URI for additional information to the client which allow the client to locate the additional information more efficiently.

Re claim 2, Pimentel further discloses the server comprises a wireless secure server (e.g. Figure 5).

3. Re claim 3, Pimentel further discloses the enterprise application is separated from the wireless secure server via an enterprise firewall, the enterprise application being inside the enterprise firewall and the wireless secure server being outside the enterprise firewall (e.g. page 1 paragraphs 0010-0013).

Re claim 4, Pimentel further discloses the enterprise application and the wireless secure server are implemented as elements of a common processing platform (e.g. page 3 paragraph 0036 through page 4 paragraph 0039).

Re claim 5, Pimentel further discloses the common processing platform comprises an enterprise communication server (e.g. Figure 5).

Re claim 6, Pimentel further discloses the enterprise application comprises a dialogue server configurable for use in conducting a multimodal dialogue between the enterprise application and the mobile client device (e.g. Figures 5 and 6; page 3 paragraph 0036 through page 4 paragraph 0039).

Re claim 7, Pimentel further discloses the mobile client device registers with the enterprise application through interaction with the wireless secure server (e.g. page 4 paragraph 0039).

Re claim 8, Pimentel further discloses the wireless secure server comprises a password-protected register connector through which registration information associated with the mobile client device is supplied from the wireless secure server to the enterprise application (e.g. page 4 paragraph 0040).

Re claim 9, Pimentel further discloses the wireless secure server is operative to obtain user and device profile information from the mobile client device, and to store the profile information temporarily until the profile information is extracted from the wireless secure server by the enterprise application (e.g. Figure 6; page 5 paragraph 0044).

Re claim 10, Pimentel further discloses the wireless secure server communicates with the mobile client device utilizing wireless application protocol (WAP) (e.g. page 4 paragraph 0037).

Re claim 11, Pimentel further discloses the push content is deliverable from the wireless secure server to the mobile client device via a series connection of a push initiator and a push proxy gateway (e.g. Figure 5; and page 5 paragraph 0047).

Re claim 12, Pimentel further discloses the request for additional information is deliverable from the mobile client device to the wireless secure server via a WAP gateway (e.g. Figure 5 and page 4 paragraph 0037).

Re claim 13, Pimentel further discloses the additional information is deliverable from the wireless secure server to the mobile client device via a WAP gateway (e.g. Figure 5 and page 4 paragraph 0037).

Re claim 14, Pimentel further discloses the wireless secure server comprises an application connector coupled to the enterprise application and utilizable in generating at least one of the push content and the additional information (e.g. pages 3-4 paragraph 0036).

Re claim 15, Pimentel further discloses the request for additional information is initiatable in the mobile client device utilizing a single-key operation (e.g. pages 4-5 paragraphs 0043-0044).

Re claim 16, Pimentel further discloses the request for additional information initiates a WAP pull operation that pulls the information from a content generator associated with the wireless secure server and displays it on the mobile client device (e.g. pages 4-5 paragraphs 0043-0044).

Re claim 18, Pimentel further discloses the push content is generated by the wireless secure server responsive to an event trigger generated by the enterprise application subsequent to receipt in the enterprise application of an interaction request from the mobile client device and authentication of a corresponding user by the enterprise application (e.g. Figures 5-6; page 4 paragraph 0036 and page 5 paragraph 0044).

Re claim 19, Pimentel discloses generating push content in a server, responsive to information received in the server from the enterprise application, the push content being deliverable from the server to the mobile client device over a wireless network; however, Pimentel fails to teach wherein the push content is generated comprises at least one corresponding URI.

Lee teaches a server capable of creating at least one embedded uniform resource identifier (URI), and the additional information is identifiable by the at least one embedded URI and send it to the client (e.g. col. 9 lines 66 through col. 10 lines 4).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Lee's teaching into Pimentel's method to embedded a URI for additional information to the client which allow the client to locate the additional information more efficiently.

Re claim 20, Pimentel further discloses the mobile client device is configured to support a wireless networking protocol and the wireless secure server is operative to communicate with the mobile client device via an access point compliant with the wireless networking protocol (e.g. Figure 5; and page 4 paragraph 0036).

Regarding claim 21 list all the same elements of claim 1, but in an apparatus form rather than method form. Therefore, the supporting rationale of the rejection to claim 1 applies equally as well to claim 21.

Regarding claim 22 list all the same elements of claim 1, but in an article of manufacture form rather than method form. Therefore, the supporting rationale of the rejection to claim 1 applies equally as well to claim 22.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC NGUYEN whose telephone number is (571)272-3919. The examiner can normally be reached on 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tonia Dollinger can be reached on 571-272-4170. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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/PHUOC NGUYEN/  
Primary Examiner, Art Unit 2443